

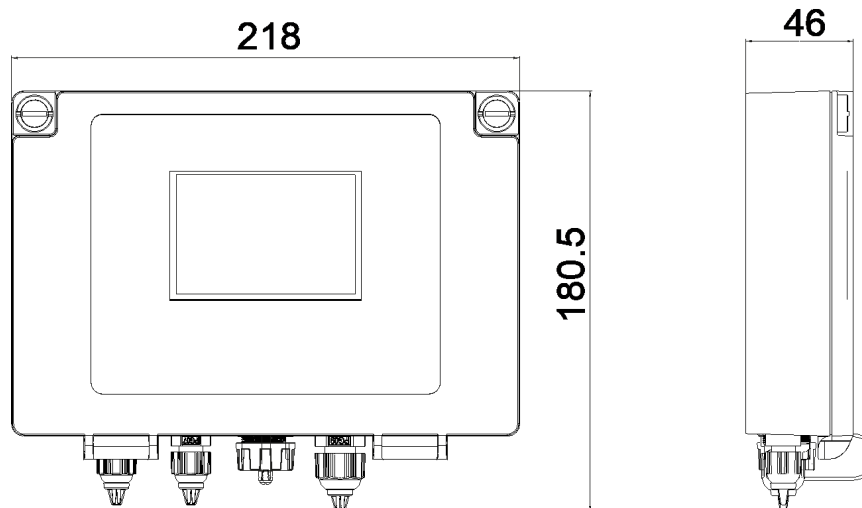
QUICK START PROGRAMMING GUIDE FOR CONTROLLER



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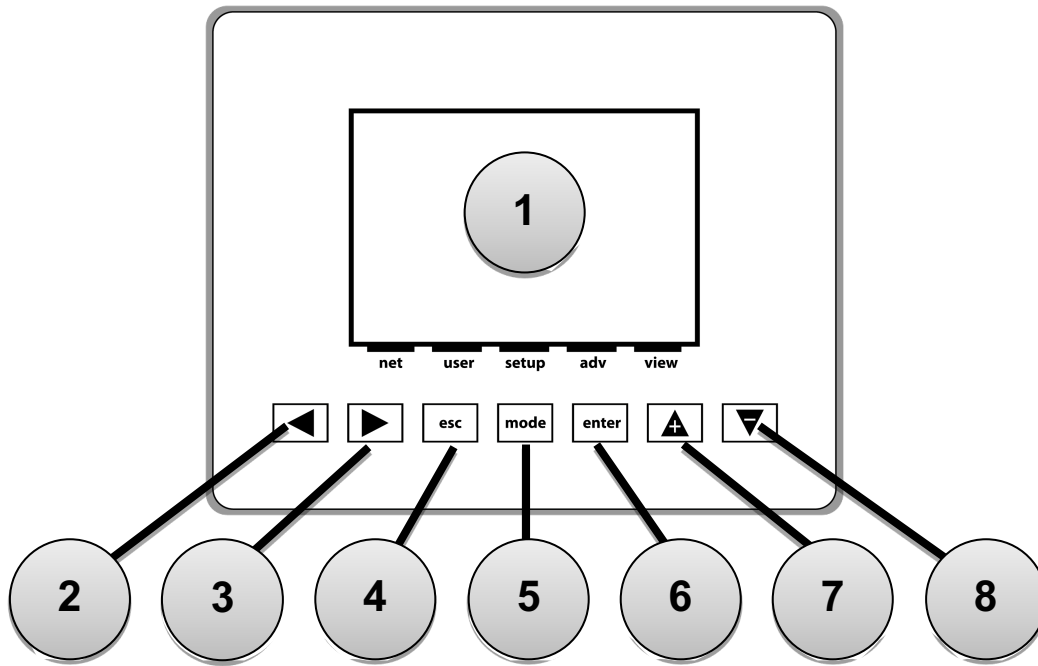
The complete manual is available online via the QR-Code which can be found on the last page of the manual. Alternatively, it can be downloaded via QR-Code through the info menu of the Controller.

MECHANICAL DIMENSIONS



Dimensions (L x H x P)	218x180.5x46mm
Material	White (RAL 9003) ABS
Mounting	Wall
Weight	0.8Kg
Front Panel	UV Resistant Polycarbonate

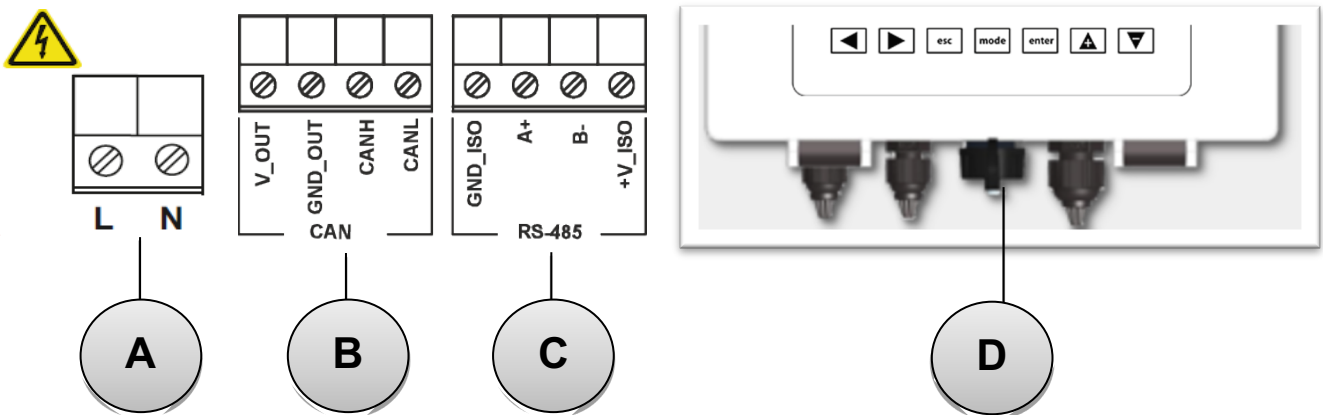
CONTROLS, INDICATORS AND CONNECTIONS



- 1. Visualizer with LCD Display
- 2. LEFT key: Move cursor to the left
- 3. RIGHT key: Move cursor to the right
- 4. ESC key: Reject parameter or exit the programming menu
- 5. MODE key: Select menu with icon on the status bar
- 6. ENTER key: Confirm parameter or access the programming menu
- 7. UP key: Increase value
- 8. DOWN key: Decrease value

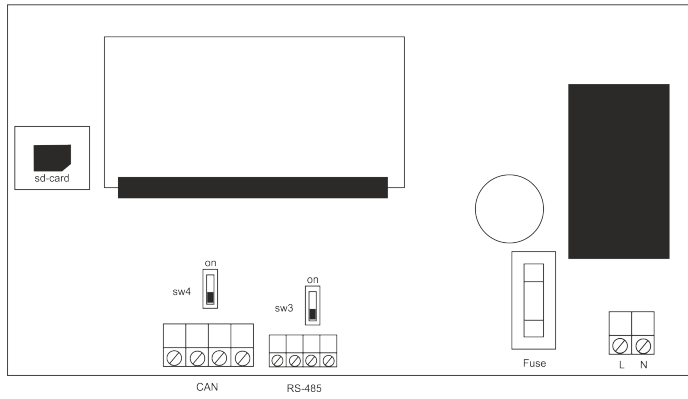
CONNECTION TERMINAL BLOCK

INPUT AND OUTPUT CONNECTORS, POWER AND GROUNDING CONNECTORS



	Connector	Description
A	Power Supply	100-240Vac @50/60Hz
B	CAN	CAN Communication Port
C	RS485	Serial Port for Data Communication
D	Ethernet	Standard RJ45 Ethernet port

MAIN BOARD



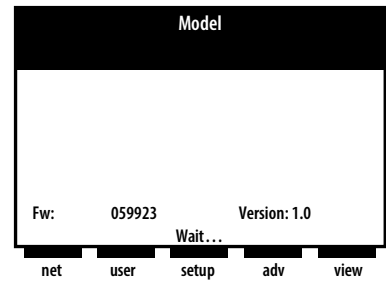
Leave the SWITCHES SW3 or SW4 on the “1” position. These switches are intended to improve the communication and to reduce noise in installations with very long cables (>50m). If you have long cables and are facing communication problems, you can try to solve the problem, putting the bus termination only for the first and the last device present on the bus. (i.e. the two devices farther away from each other).

EN ELECTRICAL SPECIFICATIONS

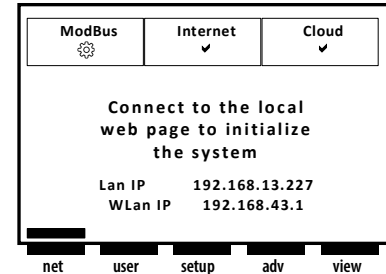
Power Supply (version 100-240 VCA)	
Electrical requirements	
Voltage Range	100 – 240Vac 20Watt
Frequency	50/60Hz
Power Supply Fuse	Replaceable fuse protection
Communication Ports	
RS485 Digital Communication Port	RS485 Insulated Modbus Communication protocol
CAN Bus Communication Port	CAN Bus Communication Port
Ethernet connectivity	RJ45 Ethernet port
Wireless Connectivity	Wireless connectivity
Maximum units connected in the Bus network	10
User Interface	
Connection Terminals	Power Supply, RS485, CAN connection (see connection labels)
Keyboard	7 Keys user interface
Display	128x128 monochromatic display
Backlight	Three colors backlight

START-UP

At startup, the instrument performs a hardware test of the internal memory and then enters the standard display mode.

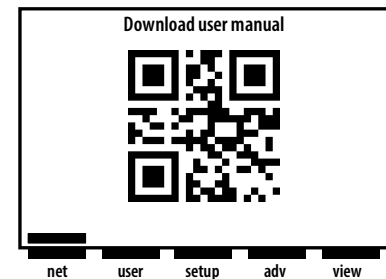


In standard display mode, the system shows the following message: **Connect to the local web page to initialize the system.** For more information about the system initialization, see the section **WEB APPLICATION USAGE AND DEFAULT VALUES.**

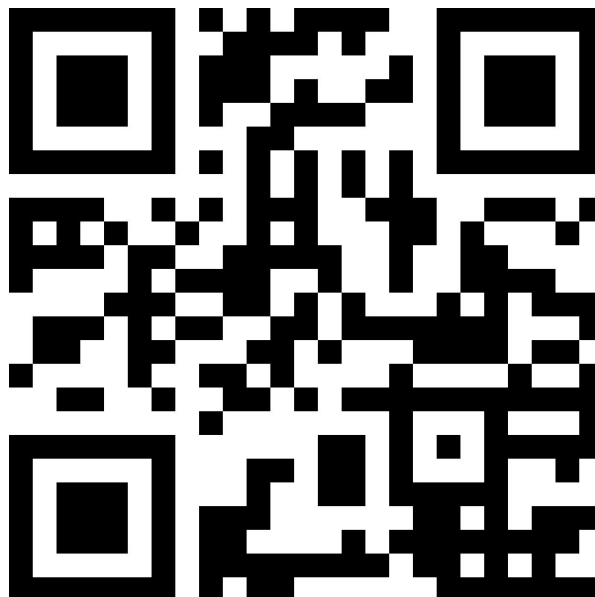


NET MODE

When in **NET** mode, press **esc** for 4 seconds to access the info page and download the user manual by scanning the QR code displayed on the screen. You can also press **enter** for 4 seconds to display the devices ID number by scanning the QR code displayed on the screen. Press **esc** to return to standard mode.



For complete instruction manual, scan the QR-code



<http://bit.ly/im138153>